

HOLYWELL URBAN DISTRICT COUNCIL.

Brynford House,

Holywell.

1st May. 1936.

TO :-

The Urban Council of Holywell.

Gentlemen,

I beg to submit, as your Medical Officer of Health, my report for the year 1935, set out on the lines indicated by the Welsh Board of Health in Circular 1492, (Wales) .

S E C T I O N " A "

Statistics and Social Conditions of the Area.

Area in acres - 2387.

Registrar-General's estimate of resident population mid 1935 - 5539.

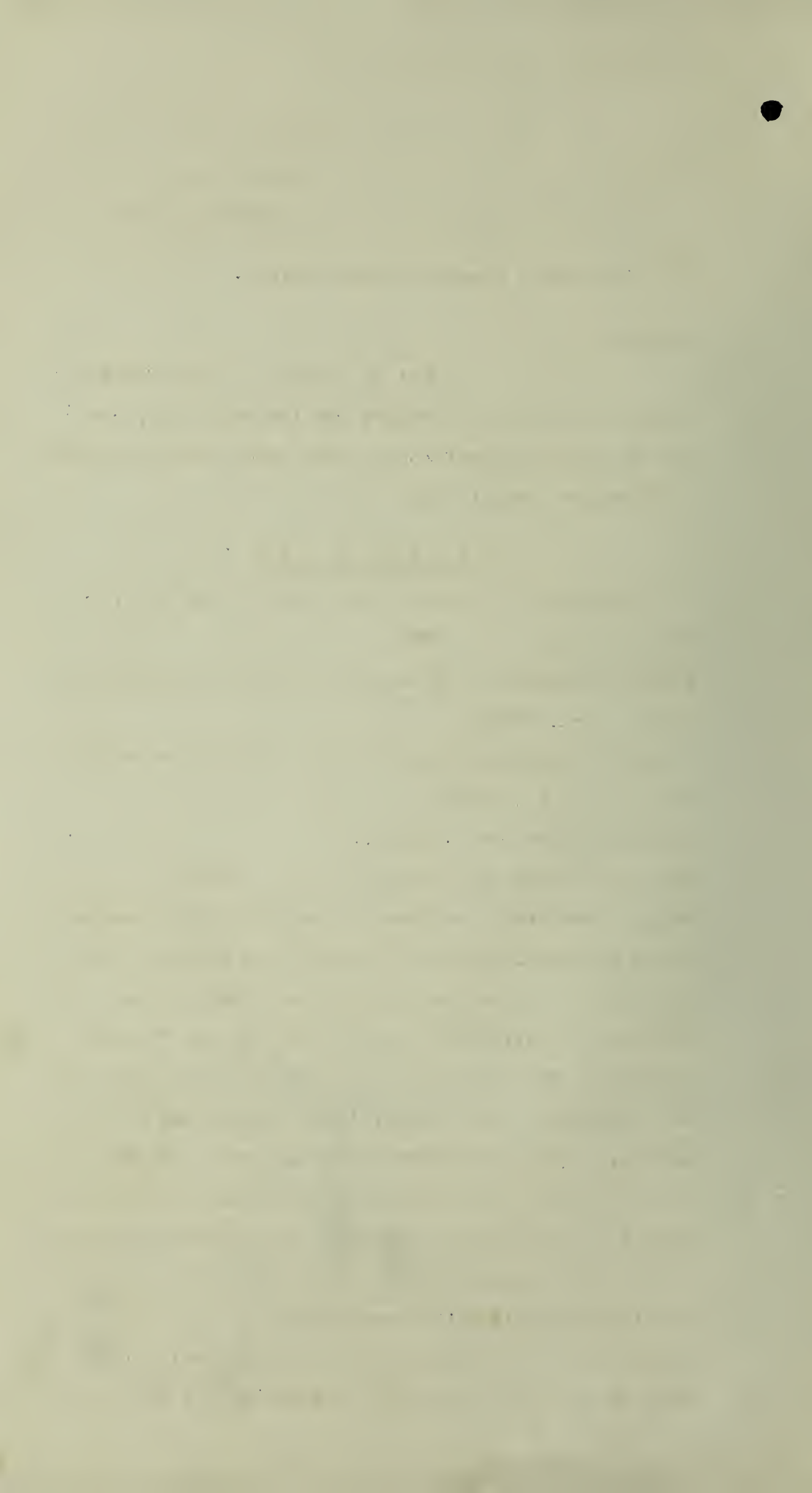
Number of inhabited houses (end of 1935) according to Rate Book - 1578.

Rateable Value - £23,657.

Sum represented by a penny rate - £100.

Social Conditions - There is considerable increase of house building. The new Bye-pass Road running above Holywell has become very popular as a promenade, affording a delightful view of the Town and Estuary, adjoining and overlooking the town recreation park with its children's play ground, tennis courts and bowling greens. The institution of the new works on Greenfield Marsh justifies the Council in hopefully anticipating a period of relative prosperity. The erection of these large works belonging to Messrs Courtaulds has provided considerable relief of unemployment.

Birth Rate - The birth rate for the whole of England and Wales for 1935 is 14.69 and for your area is 18.77.



Death Rate - The Death rate for England and Wales is 11.7 and for this area is 11.55 as per following table.

Birth Rate.

Live births - legitimate - total 104 - 57 male - 47 female.
- illegitimate - total 0 - 0 male - 0 female.

Birth rate per 1000 of population - 18.77.

Still births - legitimate - total - 2 - 0 male - 2 female.
- illegitimate - total - 0 - 0 male - 0 female.

Rate per 1000 total (live and still) births - 19.23.

Deaths - total 64 - 28 male - 36 female.

Death rate per 1000 population - 11.55.

Deaths from Puerperal causes - nil.

Death rate of infants under one year of age -

All infants per 1000 live births - 77.7.

Legitimate per 1000 legitimate live births - 67.3.

Illegitimate infants per 1000 illegitimate live births - one only in no births.

Deaths from Measles (all ages) - nil.

Deaths from Whooping cough (all ages) - nil.

Deaths from Diarrhoea (under 2 years of age) - nil.

There has been a heavy incidence of diphtheria and Scarlet Fever, the Majority affecting the age period between the years of five and ten.

This seems to be a part of a large epidemic which has affected also neighbouring Counties. The mortality in this District has fortunately been nil. This is attributable in the case of Diphtheria and Scarlet Fever to prompt administration of serum by the medical practitioners in this district.

I have found no evidence suggesting that occupation or environment has had any definite prejudicial effect upon the health, and the same may be said of unemployment.

S E C T I O N " B " .

General Provision of Health Services for the

1. (i) One part time M. O. H. (Self).
One Sanitary Inspector B.Sc, who is
also Town Surveyor and Architect.
- (ii) a. Laboratory facilities - provided at Chester
Royal Infirmary.
- b. Ambulance facilities - entirely in private
hands, difficult to obtain and quite
inadequate. It is in my opinion high time
that the County Council should, as a central
body, provide itself with ambulances, sadly
needed by the Police and by the Public
Assistance Committee which at least are
entirely the concern of the County Council.
- c. Nursing in the home is carried on heroically
by two district nurses, they are maintained
by voluntary nursing associations.
- d. Clinics are conducted by the County Education
Authority.
- e. We have one Cottage Hospital of 16 beds
managed by a Committee. Also one large
Public Institution under the Flintshire
County Council. At neither of these
institutions is provision made for even
emergency midwifery. This is a considerable
handicap to the obstetricians of this area
who have to deal with grave emergencies in
the home, as the nearest public maternity
wards are at least 10 miles distant. It
seems to me wrong that provision for cases
of this kind should be withheld. Should a
tragedy arise because of this failure the
responsibility upon the authorities would
not be light.

2. No comment called for.
3. No comment called for.
4. No comment called for.

S E C T I O N. " C ".

Sanitary Circumstances of the Area.

1. (i) Water. Extension of Water Supply to newly added area of Greenfield has been completed.
(ii) Drainage and sewerage of Greenfield area has been arranged.
2. Rivers and Streams. - No action.
3. (i) Closet accommodation - No conversions.
(ii) Public Cleansing - adequate.
(iii) Sanitary Inspection of the area. I include and embody here as required by the Board, the report of the Sanitary Inspector.-
Total Acreage of Urban District - 2337 acres.
Total population (estimated) - 5539.
Public Health Acts. 1875 et seq.
Total number of intimations served under the above Acts. - 24.
Number of Notices under the above Acts in respect of which Formal Notices were served - 0.
Number of cases in which specified works were carried out without further action - 21.
Number of complaints received - 20.
Bake-houses.- 2 of these have been inspected.
The area inspection in this respect seems to be in a very elementary state.
Canal Boats Act.- No action was necessary under this Act.
Cemeteries.→ 61 persons were buried in the Public Cemeteries during the year, made up as follows:-

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Holywell Cemetery - 14 males - 22 females.
 9 children under 10
 years of age.
 Greenfield " - 6 males - 7 females.
 3 children under 10
 years of age.

Cowsheds, Shippens and Dairies. + 16 inspections

have been carried out since June 1st last.

Several of these farms in the District are
 without a sufficient pure water supply and
 many of the Cowsheds require improvements.

Housing. - 46 Completion Certificates have been
 issued for new premises since June last.

Legal proceedings have been taken against one
 builder for failing to give due notice of
 completion of a dwellinghouse.

Total houses erected during the year - 64, all
 by private enterprise. The Council are at
 present proceeding with a scheme of 50 Council
 Houses and 68 houses for persons displaced
 under the Slum Clearance Scheme.

Inspection of dwellinghouses.

Houses inspected for defects under Housing Acts ..	87.
-------------------------------------------------------	-----

Total inspections made for this purpose. ..	.261.
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Houses inspected and recorded under Housing Consolidated Regulations ..	.87.
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Inspections made for this purpose. ..	.174.
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Houses so dangerous or injurious to health as to be unfit for human habitation. ..	.68.
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Houses not in all respects suit- able for habitation. ..	.86.
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Remedy of defects without formal notice. ..	.8.
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Proceedings under sections 17, 18 and 23 of the Housing Act. 1930..	.0.
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Houses under repair by Owner after service of formal notice..	.37.
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Houses declared by resolution to be a Clearance Area..	.68.
-----------------------------------------------------------	------

Infectious Diseases.- Since June 1st 43

cases of infectious diseases have been notified,
made up as follows :-

Diphtheria including Membranous Croup -
- 44 cases.

Scarlet Fever 21 cases.

Where cases have occurred in families, members
of which are employed in the food trades, the
persons concerned have been induced to find
other habitation.

Where cases occurred among school children,
the appropriate Headmaster has been notified.

Common Lodging Houses.- These are under the
control of the Police.

Offensive Trades.- No system of licensing or
inspection of these is at present in force in
the District other than the usual inspection
of food shops. 14lbs of fish have been
condemned since June. 1st, 1935.

Rag Flock Act. - No action was necessary
under this Act.

Rats and Mice Destruction Act. - A rat-catcher
is employed for three days every month for
the purpose of the above Act.

Refuse Collection and Disposal.- This is
carried out at present by the Contract system,
and is in my opinion unsatisfactory. The
taking over of this undertaking is a question
which will have to be seriously considered by
the Council in the next few years.

Sewerage Services. - The original Urban District
of Holywell is adequately provided with
these services and a scheme for the sewerage
of Greenfield is in course of preparation. A
new sewer will shortly be laid to provide
for the New Housing Scheme at Bryn Mawr.

Slaughter Houses. - Eight inspections have

been made of these. A preliminary survey of the District reveals that no Slaughterhouses in the District are at present licensed.

I would respectfully suggest that under the New Town and Country Planning Scheme a site near the Auction Mart and Railway Station be reserved for future Slaughterhouses and every effort made to do away with the out-lying ones which in some cases have no proper drainage. 198 lbs of lamb and 18 lbs of beef have been condemned since June 1st, 1935.

Town Planning. - A scheme for this is now in course of preparation.

Water Supply. - The general water supply of the District is very satisfactory but owing to the rapid growth of the community a further service reservoir will undoubtedly be necessary. The present one holds at the most $2\frac{1}{2}$ days supply. The standpipes in Greenfield are now supplied by the Town Supply, the old source at the back of Cairnton Crescent having been dispensed with.

Workshops. - Very little has been done in the past in connection with the above, it is doubtful whether the Sanitary Accommodation Order 1903 has been observed in certain factories.

(iv).Shops - No action necessary.

(v).Smoke abatement - No action necessary.

(vi).Swimming baths and pools. I reiterate here observations made to the Council many years with reference to the non-use of the Westminster Swimming Bath. Here is an admirable swimming pool of which practically no use is made and which, if provisions were made for warming and cleaning would add to

the health and happiness of especially the young people of the District. Perhaps the Council will give it in their schemes the same level of attention or importance as the recreation ground which has been such a boon to the community.

4. Schools - The sanitary condition and water supply of the four schools are in a satisfactory condition.

S E C T I O N " D " .

H O U S I N G

1. Inspection of Dwellinghouse During the Year.

- | | | | | |
|-----|-----|--------------------------------------------------------------------|---------|------|
| (1) | (a) | Total number of houses inspected for housing defects. | | 87. |
| | (b) | Number of inspections made for the purpose. | | 261. |
| (2) | (a) | Number of houses inspected under Housing Consolidated Regulations. | .. | 87. |
| | (b) | Number of inspections made for the purpose. | | 174. |
| (3) | | Number of dwellinghouses found unfit. | | 68. |
| (4) | | Number of dwellinghouses found not to be reasonably fit. | | 86. |

2. Remedy of defects without service of formal Notice :-

Number of defective dwellinghouses rendered fit in consequence of informal action - None completed, but proceeding.

3. Action under Statutory Powers :-

- (a) Proceedings under sections 17, 18 and 23 of Housing Act, 1930. -

(1) Number of dwellinghouses in respect of which notices were served requiring repairs. 87.

(2) Number of dwellinghouses rendered fit after Notice :-

- | | | | |
|-----|---------------------|----|----------------------------------|
| (a) | By Owners. | .. | } none completed but proceeding. |
| (b) | By Local Authority. | .. | |

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and the second of the year
the third of the year
the fourth of the year
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the twenty-ninth of the year
the thirtieth of the year

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(b) Proceedings under Public Health Acts :-

- (1) Number of dwellinghouses in respect of which Notices were served requiring defects to be remedied. - None.

(c) Proceedings under Sections 19 and 21 of the Housing Act of 1930 :-

- (1) Number of dwellinghouses in respect of which demolition orders were made - nil.
(2) Number of dwellinghouses demolished in pursuance of demolition orders. - nil.

(d) Proceedings under Section 20 of the Housing Act, 1930 :-

- (1) Number of separate tenements or underground rooms in respect of which closing Orders were made. - nil.
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit... .. - nil.

S E C T I O N. " E " .

Inspection and Supervision of Food.

- (a) Milk Supply. - Ordinary inspection of dairies, examination of herds by the Council's Veterinary Inspector; seizing of samples by Police.
(b) Meat and other Food. - Ordinary Inspection.
(c) Adulteration. - I here append for inclusion the reports of Veterinary Inspector and Inspector of Police :-

1st of January to December 31st, 1935. -
Dairy Cattle supplying the Holywell Urban District Council's Area, - Tuberculosis not suspected in any of the Dairy Cattle and

the above period, so that the Tuberculosis Order had not to be put into force.

Samples of Food and Drugs taken within the Urban District of Holywell, during period January to December, 1935. +

New Milk - 26 samples taken - 24 genuine - 2 doubtful.

Proceedings taken in one case - dismissed.

Samples of black-currant jam, - genuine.

do do peaches . - do.

do do lemon cheese. - do.

do do cheese. - do.

do do margarine. - do.

(d) - No action.

(ee) Nutrition - No action.

S E C T I O N . " F " .

Prevalence of, and control over Infectious and Other Diseases.

-GENERAL.-

2. I have already referred to special occurrences during the year. There have been otherwise nothing noteworthy in this connection .
- During the year six cases of Scarlet Fever and Diphtheria were sent to the Fever Hospital at St Asaph. The total cost was £101. 2. 3.
- The Council may consider co-operating with the other Council's who are responsible for the maintenance of this Hospital.
- It is to be noted that some guardians of infective sick children (a) do not desire that the patient be removed, and do carry out the simple nursing now required at home very willingly, (b) others who may have lived

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY
1925
JANUARY 15
TO THE HONORABLE CHIEF OF BUREAU OF MINES
WASHINGTON, D. C.
FROM
J. H. HARRIS, JR.
CHICAGO, ILL.

Enclosed for the Bureau of Mines are two copies of a report on the results of the investigation of the properties of the various forms of carbon, made during the past year, under the direction of the writer.

Very respectfully,
J. H. HARRIS, JR.

RECEIVED
JAN 16 1925

REPORT ON THE PROPERTIES OF THE VARIOUS FORMS OF CARBON

The various forms of carbon, such as diamond, graphite, and the amorphous forms, have been the subject of much investigation during the past few years. The results of this investigation are given in the report enclosed. It is to be noted that the various forms of carbon have been found to have different properties, and that these properties are not yet fully understood. The investigation has shown that the properties of carbon are determined by the arrangement of the carbon atoms, and that the various forms of carbon are distinguished by their different crystal structures. The results of this investigation are of great importance, and will be of great value to the Bureau of Mines.

in large towns expect that an infectious case should be at once removed by the Sanitary Authority and appear aggrieved if this is not done, (c) others resent having to spend money on long distance travelling to visit a sick relative, (d) still others clamour that because a neighbour's child has been sent to Hospital, they should also have the same privilege. This also saves them the expense of maintenance, nursing and Doctor's fees.

Formerly when for Diphtheria and Scarlet Fever there was no effective treatment, ^{eg} segregation and nursing in Hospitals were very necessary (but in this area unobtainable). To-day, however, serum is obtainable for the treatment of these diseases and if used promptly is very effective. This fact together with the progress of preventative inoculation suggests the thought that Hospital accommodation for these diseases may become progressively less necessary.

No artificial immunization has been officially undertaken. Notifiable diseases (other than tuberculosis) during 1935 total 80 cases as follows in this table :-

Disease	Total cases notified.	Cases admitted to Hospital	Total Deaths.
Small Pox.	0	-	-
Scarlet Fever.	21	-	-
Diphtheria.	44	-	-
Enteric Fever	0.	-	-
Puerperal Fever	1	-	-
Puerperal Pyrexia.	1	-	-
Pneumonia.	12.	-	-
Ophthalmia Neonatorum.	1..	-	-

Here follows an analysis of above under age groups plus two cases of Erysipelas and one case of Ophthalmia. :- . $\frac{1}{2}$.

Under 1 year.	-	nil.
over 1 year.	-	one.
" 2 years	-	three.
" 3 years	-	three.
" 4 years.	-	six.
" 5 years.	-	twenty-nine.
" 10 years.	-	fourteen.
" 15 years.	-	four.
" 20 years.	-	fourteen.
" 35 years.	-	none.
" 45 years.	-	three.
" 65 years.	-	five.

3. (a) Cancer - no official information.
- (b) Prevention of blindness - no action.
- (c) Tuberculosis. - no action.

4.

TUBERCULOSIS.
 @@@@@@@@@@@@@@@@@@

NEW CASES AND MORTALITY DURING. 1935.

There were seven deaths, one of these was un-notified, i.e., Ratio of non-notified to total Tuberculosis deaths is 1/7. Particulars of new cases of Tuberculosis and of deaths from this Disease in the area during 1935 are given in the following table.

(P. T. O)

THE UNIVERSITY OF CHICAGO

DEPARTMENT OF CHEMISTRY

RESEARCH REPORT

174	-	1977	1	1
175	-	1977	1	1
176	-	1977	1	1
177	-	1977	1	1
178	-	1977	1	1
179	-	1977	1	1
180	-	1977	1	1
181	-	1977	1	1
182	-	1977	1	1
183	-	1977	1	1
184	-	1977	1	1
185	-	1977	1	1
186	-	1977	1	1
187	-	1977	1	1
188	-	1977	1	1
189	-	1977	1	1
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NEW CASES OF TUBERCULOSIS AND MORTALITY - 1935.

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NEW CASES. DEATHS.

Age periods.	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory.	
	M.	F.	M.	F.	M.	F.	M.	F.
15 years.	-	-	1	-	-	-	-	-
25 years.	2.	4.	-	-	2	1.	-	-
35 years.	1.	1.	-	1.	-	2.	-	-
45 years.	2.	-	-	-	-	-	-	-
55 years	1.	1.	-	-	-	1	-	-
65 years and upwards.	-	2.	-	-	-	1	-	-
TOTALS ¹ / ₂	6.	8.	1.	1.	2.	5.	-	-

I AM, GENTLEMEN,
 YOURS OBEDIENTLY,
 C. E. MORRIS.

MEDICAL OFFICER OF HEALTH.

